

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET LO29-016		10/512100	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Meltzer et al.			
					FILING DATE 10/21/04		GROUP AU2873	
U.S. PATENT DOCUMENTS								
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate		
[Handwritten mark]	AA	4,195,913	04/80	Dourte et al.	[Handwritten mark]			
	AB	4,277,141	07/81	Kleiber				
	AC	4,389,115	06/83	Richter				
	AD	6,166,868	12/00	Holderer et al.				
	AE	4,038,971	08/77	Bezborodko				
	AF	4,236,296	12/80	Woolhouse et al.				
	AG	4,740,276	04/88	Marmo et al.				
	AH	5,891,317	04/99	Teichmann et al.				
	AI	6,369,959	04/02	Trunz et al.				
	AJ	6,503,383	01/03	Holderer et al.				
	AK	4,710,276	12/87	Kull				
	AL	3,917,385	11/75	Caswell				
FOREIGN PATENT DOCUMENTS								
	Document Number	Date	Country	Class	Subclass	Translation		
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	AN	DE 100 15 953	10/00	Germany				
	AO	WO86 05281	09/86	PCT				
	AP							
	AQ							
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
[Handwritten mark]	AR		Ellis, "Low-cost Bimorph Mirrors in Adaptive Optics," Imperial College of science, Technology & Medicine, University of London, 1999.					
[Handwritten mark]	AS		Sato et al., Adaptive PVDF piezoelectric deformable mirror system," Applied Optics, Vol. 19, No. 9, 1980, pages 1430-1434.					
[Handwritten mark]	AT		Sato et al., "Multilayered deformable mirror using PVDF films," Applied Optics, Vol. 21, No. 20, 1982, pages 3664-3668.					
EXAMINER LOHA BEN				DATE CONSIDERED 6/9/06				
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					FILING DATE 10/21/04	GROUP AU2873	
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>by</i>	AA	6,275,344	08/01	Holderer			
	AB	6,307,688	10/01	Merz et al.			
	AC	6,580,570	06/03	Becker et al.			
	AD	6,603,615	08/03	Melzer et al.			
	AE	5,428,482	06/95	Bruning et al.			
	AF	5,537,262	07/96	Aoki et al.			
	AG	6,252,712	06/01	Furter et al.			
	AH	6,229,657	05/01	Holderer et al.			
	AI	6,552,862	04/03	Dieker			
	AJ	3,837,125	09/74	Johnson			
	AK	6,373,552	04/02	Braat et al.			
<i>by</i>	AL	6,259,571	07/02	Holderer et al.			
FOREIGN PATENT DOCUMENTS							
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	AO						
	AP						
	AO						
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>by</i>	AR		Sato et al., "Transmission-type PVDF 2-D optical phase modulator," Applied Optics, Vol. 20, No. 2, 1981, pages 343-350.				
<i>by</i>	AS		Ro et al., "Vibration Control of Plates Using Self-Sensing Active Constrained Layer Damping," SPIE Vol. 3672, 1999, pages 200-209.				
<i>by</i>	AT		Krug et al., Application of a 6 x 8 Silicon APD Array and Hybrid Electronics for Scannerless 3D Imaging Ladar, NATO/IRIS Active Systems, 1995, Vol. II, pages 79-89.				
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LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Melzer et al.

FILING DATE 10/21/04

GROUP AU 2873

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
WJ	AA	4,959,531	09/90	Marino			
	AB	6,727,984 B2	04/04	Becht (LO33-001)			
	AC	4,380,391	04/83	Buser, et al.			
	AD	6,246,822 B1	06/01	Kim, et al.			
	AE	5,079,414	01/92	Martin			
	AF	4,674,874	06/87	Halldorsson et al.			
	AG	4,672,439	06/87	Florence et al.			
	AII	6,521,892 B2	02/03	Emanuel et al.			
	AI	4,865,454	09/89	Lazzarini et al.			
	AJ	4,202,605	05/80	Heinz			
	AK	5,986,795	11/99	Chapman, et al.			
WJ	AL	5,428,482	06/95	Bruning, et al.			

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

WJ	AR	Burns et al., "Compact, Multichannel receiver using InGaAs APDs for single pulse, eye-safe, laser radar imagery," SPIE Vol. 3065, 1997, pages 22-29.
WJ	AS	Schulz et al., "Calibration of an interferometer for testing cylindrical surfaces," 1995 Elsevier Science, pages 512-520.
	AT	

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Melzer et al.		
					FILING DATE 10/21/04	GROUP AU2873	
U.S. PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	5,026,977	06/91	Hubbard, Jr.			
	AB	6,411,426	06/02	Meehan et al.			
	AC	5,719,846	02/98	Matoba et al.			
	AD	6,496,466	12/02	Lee et al.			
	AE	6,585,379	07/03	Yokoyama et al.			
	AF	6,566,627	05/03	Brandinger et al.			
	AG	4,295,710	10/81	Heinz			
	AH	5,485,053	01/96	Boz			
	AI	6,633,107	10/03	Calabro et al.			
	AJ	5,724,017	03/98	Pla et al.			
	AK	6,296,811	10/01	Sasaki			
	AL	6,405,533	06/02	Rosegar et al.			
FOREIGN PATENT DOCUMENTS							
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					FILING DATE 10/21/04		GROUP AU 2873	
U.S. PATENT DOCUMENTS								
* Examiner Initial	Class	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
[Handwritten squiggle]	AA	4,849,668	07/89	Crawley et al.				
	AB	6,252,334	06/01	Nye et al.				
	AC	6,108,121	08/00	Mansell et al.				
	AD	6,208,407 B1	03/01	Loopstra				
	AE	6,160,628	12/00	Inoue				
	AF	4,348,090	09/82	Iizuka				
	AG	6,392,825	05/02	Trunz et al.				
	AH	6,473,247	10/02	Keller et al.				
	AI	6,501,605	12/02	Moriya				
	AJ	6,653,887	11/03	Haeusser-Boehm et al.				
	AK	6,337,484	01/02	Loopstra et al.				
	AL	6,054,784	04/00	Sperling et al.				
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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Melzer et al.			
					FILING DATE 10/21/04		GROUP AU 2873	
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[Handwritten mark]	AA	5,870,133	02/99	Naiki	[Handwritten mark]	[Handwritten mark]		
	AB	5,784,355	07/98	Abe				
	AC	5,642,237	06/97	Miyawaki et al.				
	AD	5,204,712	04/93	Bouwer et al.				
	AE	4,967,088	10/90	Stengl et al.				
	AF	4,953,965	09/90	Iwase et al.				
	AG	4,408,874	10/83	Zinky et al.				
	AH	4,060,315	11/77	Heinz				
	AI	3,077,958	02/63	Grimsey				
	AJ	6,594,057	07/03	Drake et al.				
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SERIAL NO. 10/512100

LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Melzer et al.

FILING DATE

10/21/04

GROUP

AU2873

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
by	AA	6,428,173	08/02	Dhuler et al.			
	AB	5,438,451	08/95	Schweizer			
	AC	5,132,979	07/92	Erbert			
	AD	5,074,654	12/91	Alden et al.			
	AE	4,969,726	11/90	Koning			
	AF	4,226,507	10/80	Fuschetto			
	AG	3,802,781	04/74	Wright			
	AH	4,932,770	06/90	Caravaty			
	AI	4,705,369	11/87	Humpal			
	AJ	6,290,363	09/01	Masutani			
	AK	5,694,257	12/97	Armone et al.			
by	AL	5,529,277	06/96	Ostaszewski			

FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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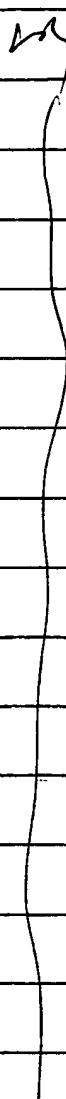

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Metzer et al.			
					FILING DATE 10/21/04		GROUP AU2873	
U.S. PATENT DOCUMENTS								
* Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
W	AA	5,400,184	03/95	Kuklo				
	AB	4,826,304	05/89	Guch et al.				
	AC	4,722,592	02/88	Stolfi				
	AD	3,879,105	04/75	Broche et al.				
	AE	5,986,827	11/99	Hale				
	AF	5,210,650	05/93	O'Brien et al.				
	AG	4,162,120	07/79	Moreno				
	AH	5,339,720	08/94	Pellarin et al.				
	AI	4,403,421	09/83	Shepherd				
	AJ	4,092,518	05/78	Merard				
	W	AK	5,414,557	05/95	Phillips			
AL		6,729,062	05/04	Thomas et al.				
FOREIGN PATENT DOCUMENTS								
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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT Melzer et al.			
					FILING DATE 10/21/04		GROUP A02873	
U.S. PATENT DOCUMENTS								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
LM	AA	6,537,479	03/03	Colea				
	AB	4,932,778	06/90	Parra				
	AC	6,144,511	11/00	Umetsu et al.				
	AD	5,157,555	10/92	Reno				
	AE	4,871,237	10/89	Anzai et al.				
	AF	6,252,648	06/01	Hase et al.				
	AG	6,411,368	06/02	Matsumoto et al.				
	AH	5,025,284	06/91	Komoriya et al.				
	AI	6,628,371	09/03	Ishikawa				
	AJ	6,614,504	09/03	Aoki				
	AK	6,341,006	01/02	Murayama et al.				
LM	AL	6,646,713	11/03	Ishii				
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					FILING DATE 10/21/04		GROUP AU2873	
U.S. PATENT DOCUMENTS								
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LM	AA	6,445,516	09/02	Osterried				
LM	AB	4,659,225	04/87	Takahashi				
LM	AC	6,449,106	09/02	Spinali				
	AD							
LM	AE	2002/0163741 A1	11/02	Shibazaki				
LM	AF	2002/0176094 A1	11/02	Petasch et al.				
LM	AG	2002/0021903 A1	02/02	Ito et al.				
LM	AH	2002/0167740 A1	11/02	Osterried et al.				
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FOREIGN PATENT DOCUMENTS								
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2/14/05

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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Frank Melzer et al.		
				FILING DATE October 21, 2004	GROUP AV2873 Unassigned	
U.S. PATENT DOCUMENTS						
*Examiner Initial	Document Number	Date	Name	Class	Sub- class	Filing Date If Appropriate
	AA	6,844,994 B2	01/05	Melzer et al.		
	AB	6,829,107 B2	12/04	Osterried		
	AC	6,825,914 B2	11/04	Schroeder et al.		
	AD	6,816,325 B1	11/04	Becker et al.		
	AE	6,798,588 B2	09/04	Vogt		
	AF	6,791,768 B2	09/04	Rau		
	AG	6,768,600 B2	07/04	Dieker		
	AH	6,773,369 B1	05/04	Stacklies et al.		
	AI	6,717,742 B2	04/04	Weber		
	AJ	6,667,839 B2	12/03	Hartmaier et al.		
	AK	6,667,255 B2	12/03	Hexels		
	AL	6,594,093 B2	07/03	Moeller et al.		
	AM	6,538,829 B2	03/03	Rau et al.		
	AN	6,466,380 B2	10/02	Bischoff		
	AO	6,445,515 B2	09/02	Moennig		
	AP	6,195,201 B1	02/01	Koch et al.		
	AQ	5,737,137	04/98	Cohen et al.		
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LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Frank Melzer et al.			
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U.S. PATENT DOCUMENTS							
*Examiner Initial	Class	Document Number	Date	Name	Class	Sub-class	Filing Date If Appropriate
LM	AA	5,581,605	12/96	Murakami et al.	7		
LM	AB	5,361,292	11/94	Sweatt			
LM	AC	5,339,346	08/94	White			
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FOREIGN PATENT DOCUMENTS								
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LM	AI	DE 101 20 446 A1	11/02	Germany	7			X
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	AN	EP 0 939 341 A2	02/99	EPO				
LM	AO	EP 0 939 341 A3	02/99	EPO				

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